

**CONNECTOR DEVICE FOR THE DETACHABLE CONNECTION OF AN
OPTICAL WAVEGUIDE TO AN OPTOELECTRONIC COMPONENT AND
METHOD OF ASSEMBLY THEREOF**

ABSTRACT OF THE DISCLOSURE

The invention relates to a connector for the detachable connection of at least one light waveguide to at least one optoelectronic component, which is arranged and electrically contacted as a chip directly to the surface of a support or a circuit board and which has an optical axis perpendicular to the support or circuit board. The light waveguide is provided with a fiber-optic plug connector at the end thereof for connection. The connector includes a base piece fixed to the surface of the support or circuit board, enclosing the optoelectronic component and includes a through-hole for the optical signal for exchange between the optical component and the light waveguide. The connector device also includes a coupling piece which connects to the base piece facing outwards and which comprises a socket opening for plugging in the standardized fiber optic plug connector.